Abstract

A method for an improved resource pool is provided that provides for dynamic configuration and is comprised of code that is configured to be used for different subsystems, including JDBC, Connector, and JMS subsystems. Pool maintenance, resource object creation and timeout, multiple deque management, and pool state transition features are provided. An application server may include at least one resource pool object, wherein each resource pool object represents a resource pool in the application server. A method for an improved prepared statement cache is also provided that works in conjunction with the resource pool implementation to more effectively provide for prepared statement processing.